



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number: 151956**

**TO: Rei-Tsang Shiao**  
**Location: 5a10 / 5c18**  
**Thursday, April 28, 2005**  
**Art Unit: 1626**  
**Phone: 571-272-0707**  
**Serial Number: 10 / 672849**

**From: Jan Delaval**  
**Location: Biotech-Chem Library**  
**Remsen 1a51**  
**Phone: 571-272-22504**  
**jan.delaval@uspto.gov**

### **Search Notes**

Scientific and Technical Information Center

Requester's Full Name: Robert (Ricky) Smith Examiner #: 79321 Date: 1/28/05  
Art Unit: 1626 Phone Number: 2-0707 Serial Number: 10672849  
Mail Box and Bldg/Room Location: 5001 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

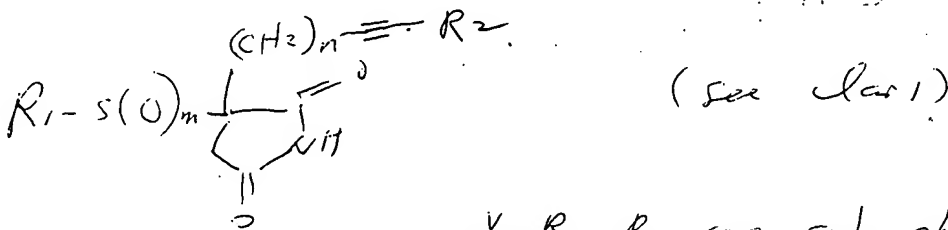
Title of invention: 3-Substituted-3-(substituted)pyrrolidine

INVENTORS (please provide full names): Edige et al.

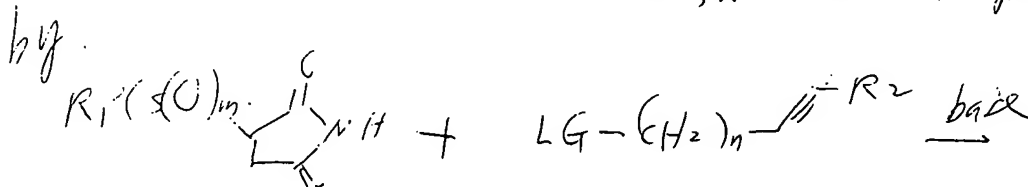
Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

I. search a process for making cpd 2



\*  $R_1, R_2$  are sub phenyl



~~STAFF USE ONLY~~

Searcher ( ) <i>an</i>	AA Sequence (#)	STN <input checked="" type="checkbox"/>
Searcher Phone # <i>22504</i>	AA Sequence (#)	Dialog
Searcher Location	Structure (#) <input checked="" type="checkbox"/> <i>3</i>	Questel/Orbit
Are Searcher ticked up <i>4/28/05</i>	Bibliographic	Dr. Lank
Are Compiler <i>4/28/05</i>	Enigaton	Leiss/Seix
Searcher Pre. Review Time	Fulltext	Sequence Systems
Initial Pre. <i>15</i>	Patent Family	WWW/Internet
Final Pre. <i>+25</i>	Other	Other (specify)

=> fil reg

FILE 'REGISTRY' ENTERED AT 14:53:54 ON 28 APR 2005

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STRUCTURE FILE UPDATES: 27 APR 2005 HIGHEST RN 849400-77-7

DICTIONARY FILE UPDATES: 27 APR 2005 HIGHEST RN 849400-77-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

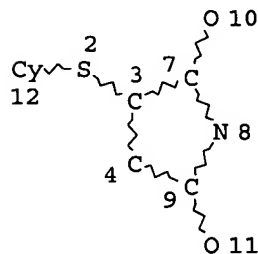
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\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d sta que l13

L1 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

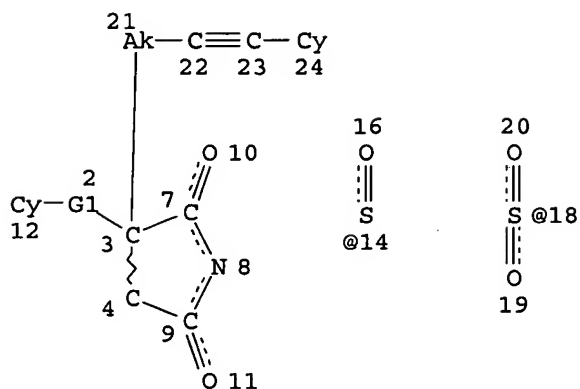
RSPEC 4

NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE

L3 6092 SEA FILE=REGISTRY SSS FUL L1

L11 STR



VAR G1=S/14/18

NODE ATTRIBUTES:

CONNECT IS M1 RC AT 12

CONNECT IS M1 RC AT 24

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STEREO ATTRIBUTES: NONE

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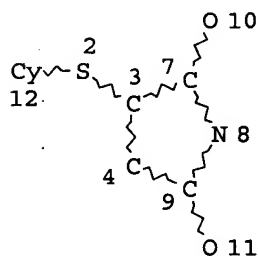
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SEARCH TIME: 00.00.01

2 ANSWERS

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L1 STR



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DEFAULT ECLEVEL IS LIMITED

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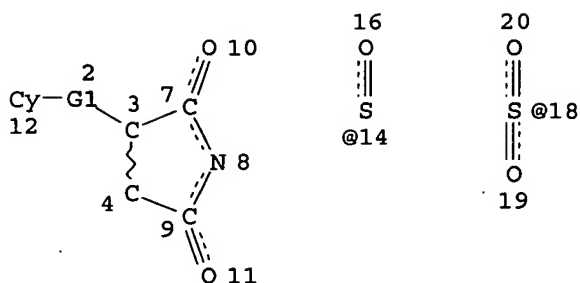
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NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE

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L4 STR



VAR G1=S/14/18  
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 CONNECT IS M1 RC AT 12  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RSPEC 4  
 NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE

L6 59 SEA FILE=REGISTRY SUB=L3 CSS FUL L4  
 L7 38 SEA FILE=REGISTRY ABB=ON PLU=ON L6 AND 46.150.18/RID  
 L8 26 SEA FILE=REGISTRY ABB=ON PLU=ON L7 NOT PMS/CI  
 L10 33 SEA FILE=REGISTRY ABB=ON PLU=ON L6 NOT L8

=> d his

(FILE 'HOME' ENTERED AT 14:37:11 ON 28 APR 2005)

FILE 'REGISTRY' ENTERED AT 14:37:18 ON 28 APR 2005

L1 STR  
 L2 50 S L1  
 L3 6092 S L1 FUL  
   SAV TEMP L3 SHIAO672/A  
 L4 STR L1  
 L5 0 S L4 CSS SAM SUB=L3  
 L6 59 S L4 CSS FUL SUB=L3  
   SAV L6 TEMP SHIAO672A/A  
 L7 38 S L6 AND 46.150.18/RID  
 L8 26 S L7 NOT PMS/CI  
 L9 8 S L8 AND (C10H6BRNO2S OR C11H11NO4S OR C11H11NO3S OR C10H8CLNO4  
 L10 33 S L6 NOT L8  
 L11 STR L4  
 L12 0 S L11 CSS SAM SUB=L3  
 L13 2 S L11 CSS FUL SUB=L3  
   SAV L13 SHIAO672B/A TEMP

FILE 'HCAOLD' ENTERED AT 14:47:07 ON 28 APR 2005

L14 0 S L9 OR L13  
   SET COST OFF

FILE 'HCAPLUS' ENTERED AT 14:47:14 ON 28 APR 2005

L15 6 S L9  
 L16 1 S L13  
 L17 1 S L15 AND L16  
   SEL RN

FILE 'REGISTRY' ENTERED AT 14:47:56 ON 28 APR 2005

L18 63 S E1-E63  
L19 5 S L18 AND L3

FILE 'HCAPLUS' ENTERED AT 14:48:17 ON 28 APR 2005  
L20 1 S L19 AND L17

FILE 'USPATFULL, USPAT2' ENTERED AT 14:48:24 ON 28 APR 2005  
L21 5 S L9  
L22 5 S L13  
L23 5 S L21 AND L22

FILE 'REGISTRY' ENTERED AT 14:48:42 ON 28 APR 2005  
L24 58 S L18 NOT L19  
L25 50 S L24 AND 1/NR  
L26 49 S L25 AND C6/ES  
L27 5 S L25 NOT ?NTYN?/CNS  
SEL RN 1  
L28 1 S E64  
L29 4 S L27 NOT L28  
L30 45 S L26 NOT L27  
L31 23 S L30 AND OL  
L32 22 S L30 NOT L31  
L33 2 S L32 AND ACID  
L34 20 S L32 NOT L33  
L35 21 S L28,L34

FILE 'HCAPLUS' ENTERED AT 14:53:14 ON 28 APR 2005  
L36 1 S L35 AND L15  
L37 1 S L17,L20,L36

FILE 'USPATFULL, USPAT2' ENTERED AT 14:53:32 ON 28 APR 2005  
L38 5 S L35 AND L23

FILE 'REGISTRY' ENTERED AT 14:53:54 ON 28 APR 2005

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 14:54:21 ON 28 APR 2005  
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FILE COVERS 1907 - 28 Apr 2005 VOL 142 ISS 18  
FILE LAST UPDATED: 27 Apr 2005 (20050427/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d l37 all hitstr

L37 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:173583 HCAPLUS  
 DN 138:221464  
 ED Entered STN: 07 Mar 2003  
 TI Preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase  
 IN Epstein, Joseph William; Ayrat-Kaloustian, Semiramis  
 PA Wyeth Holdings Corporation, USA  
 SO PCT Int. Appl., 34 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 IC ICM C07D207-416  
 ICS A61K031-40; A61P035-00  
 CC 27-10 (Heterocyclic Compounds (One Hetero Atom))  
 Section cross-reference(s): 1

## FAN.CNT 1

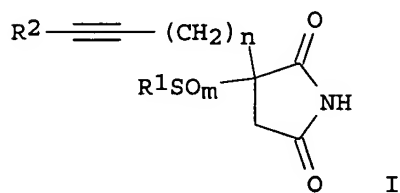
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PI	WO 2003018554	A1	20030306	WO 2002-US26692	20020822
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003083364	A1	20030501	US 2002-227215	20020823
	US 6740675	B2	20040525		
	US 2004063777	A1	20040401	US 2003-672710	20030926
	US 6861445	B2	20050301		
	US 2004063971	A1	20040401	US 2003-672849	20030926
PRAI	US 2001-314585P	P	20010824		
	US 2002-227215	A3	20020823		

## CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2003018554	ICM	C07D207-416
	ICS	A61K031-40; A61P035-00
US 2003083364	NCL	514/423.000; 548/530.000
	ECLA	C07D207/40D
US 2004063777	NCL	514/424.000; 548/545.000
	ECLA	C07D207/40D
US 2004063971	NCL	548/545.000; 548/547.000
	ECLA	C07D207/40D

OS MARPAT 138:221464

GI



AB Title compds. [I; R1, R2 = (substituted) Ph; m = 0-2; n = 1, 3-9], were prepared Thus, 3-(4-methoxybenzenesulfonyl)pyrrolidine-2,5-dione (preparation

given) and 1-chloro-4-(5-iodopent-1-ynyl)benzene (preparation given) reacted in the presence of 2 equivalent  $\text{NaN}(\text{SiMe}_3)_2$  to give 3-[5-(4-chlorophenyl)pent-4-ynyl]-3-(4-methoxybenzenesulfonyl)pyrrolidine-2,5-dione. The latter inhibited farnesyl-protein transferase using H-Ras as a substrate with  $\text{IC}_{50} = 0.14 \mu\text{M}$ . I may be used as an alternative to, or in conjunction with, traditional cancer therapy for the treatment of Ras oncogene-dependent tumors, such as cancers of the pancreas, colon, bladder, and thyroid.

- ST aralkynylarylsulfonylpyrrolidinedione prepn farnesyl protein transferase inhibitor; Ras assocd disease treatment pyrrolidinedione aralkynyl arylsulfonyl prepn; myelodysplastic tumor treatment aralkynylarylsulfonylpyrrolidinedione prepn
- IT Intestine, neoplasm  
(colon, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Uterus, disease  
(endometriosis, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Apoptosis  
(inducers; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Neoplasm  
(metastasis, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Leukemia  
(myelogenous, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Myelodysplastic syndromes  
(neoplasm; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Nervous system, neoplasm  
(neurofibromatosis type 1, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Angiogenesis inhibitors  
Antitumor agents  
Cytotoxic agents  
Human  
(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Prenylation  
(protein prenylation inhibitors; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Gene, animal  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(ras, treatment of Ras oncogene-dependent tumors; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Artery, disease  
(restenosis, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Bladder, neoplasm  
Lung, neoplasm  
Mammary gland, neoplasm  
Pancreas, neoplasm  
Prostate gland, neoplasm  
Psoriasis  
Skin, neoplasm  
Thyroid gland, neoplasm  
(treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)



IT 500715-77-5P 500715-78-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

IT 131384-38-8, Farnesyl-protein transferase

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(inhibitors; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

IT 92-66-0, 4-Bromobiphenyl 101-55-3, 4-Bromophenyl phenyl ether  
541-59-3, Maleimide 696-63-9, 4-Methoxybenzenethiol 3466-32-8,  
4-Bromophenyl methyl sulfone 5390-04-5, 4-Pentyn-1-ol 29682-41-5,  
1,4-Dichloro-2-iodobenzene 126364-19-0 138487-22-6  
173019-82-4 500709-24-0 500709-26-2 500709-27-3  
500709-28-4 500709-36-4 500709-67-1 500709-69-3

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

IT 210885-00-0P 500708-87-2P 500708-90-7P 500709-02-4P 500709-03-5P  
500709-04-6P 500709-06-8P 500709-09-1P 500709-11-5P 500709-13-7P  
500709-16-0P 500709-17-1P 500709-18-2P 500709-19-3P 500709-20-6P  
500709-21-7P 500709-22-8P 500709-23-9P 500709-32-0P  
500709-37-5P 500709-40-0P 500709-41-1P  
500709-42-2P 500709-43-3P 500709-44-4P  
500709-45-5P 500709-46-6P 500709-51-3P  
500709-52-4P 500709-53-5P 500709-54-6P  
500709-55-7P 500709-56-8P 500709-61-5P  
500709-62-6P 500709-68-2P 500709-70-6P  
500709-71-7P 500709-72-8P 500709-75-1P 500709-77-3P  
500715-79-7P 500715-80-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) American Home Prod; WO 9524400 A 1995 HCAPLUS

(2) Ho, C; WO 9905117 A 1999 HCAPLUS

(3) Michael, W; WO 9807692 A 1998 HCAPLUS

(4) Perez, M; WO 0185685 A 2001 HCAPLUS

(5) Wai; WO 9736605 A 1997 HCAPLUS

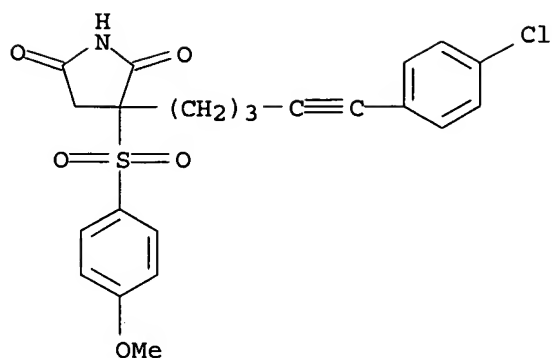
IT 500715-77-5P 500715-78-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

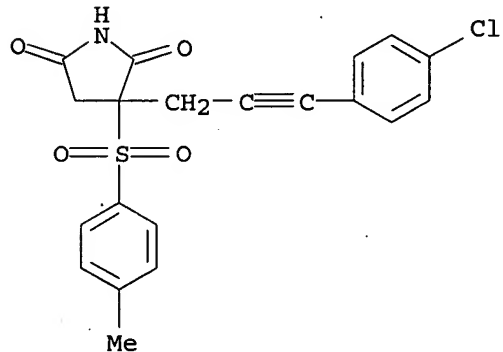
RN 500715-77-5 HCAPLUS

CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 HCAPLUS

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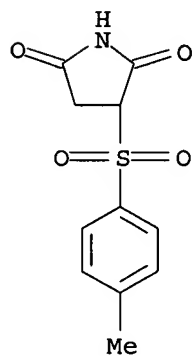
IT 126364-19-0 173019-82-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

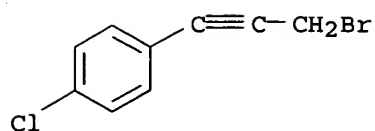
RN 126364-19-0 HCAPLUS

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 HCAPLUS

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)



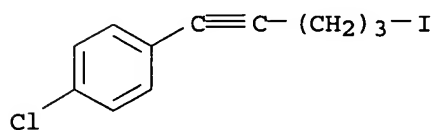
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 500715-80-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

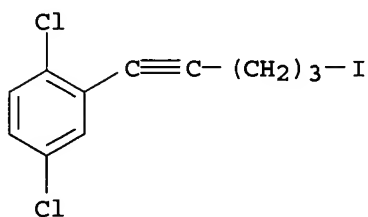
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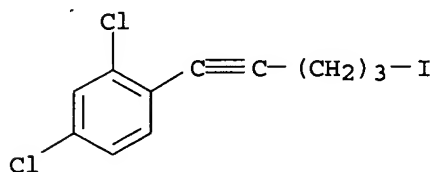
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CN Benzene, 1,4-dichloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



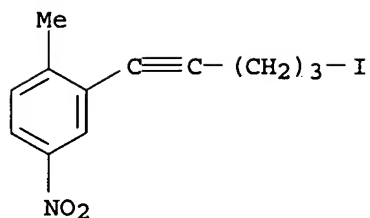
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CN Benzene, 2,4-dichloro-1-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



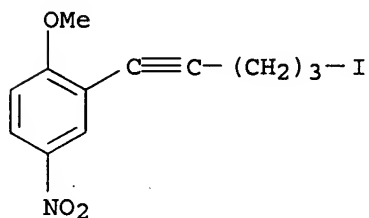
RN 500709-42-2 HCAPLUS

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methyl-4-nitro- (9CI) (CA INDEX NAME)



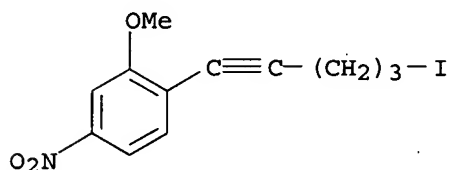
RN 500709-43-3 HCAPLUS

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methoxy-4-nitro- (9CI) (CA INDEX NAME)



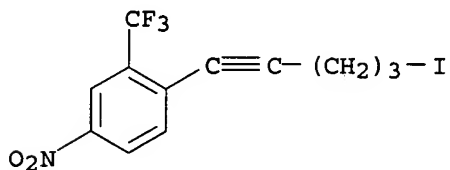
RN 500709-44-4 HCAPLUS

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methoxy-4-nitro- (9CI) (CA INDEX NAME)



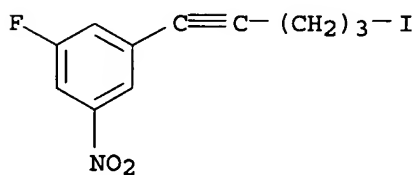
RN 500709-45-5 HCAPLUS

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



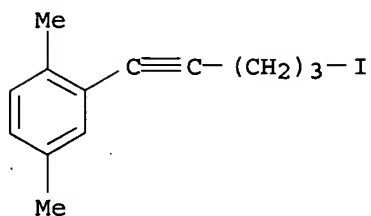
RN 500709-46-6 HCAPLUS

CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



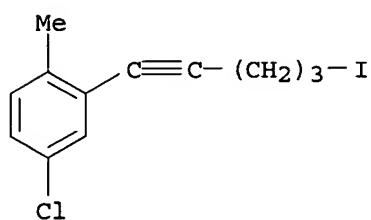
RN 500709-51-3 HCAPLUS

CN Benzene, 2-(5-iodo-1-pentynyl)-1,4-dimethyl- (9CI) (CA INDEX NAME)



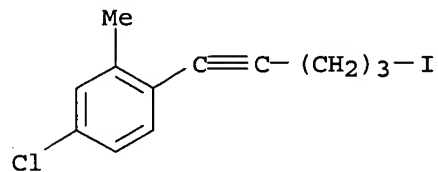
RN 500709-52-4 HCAPLUS

CN Benzene, 4-chloro-2-(5-iodo-1-pentynyl)-1-methyl- (9CI) (CA INDEX NAME)



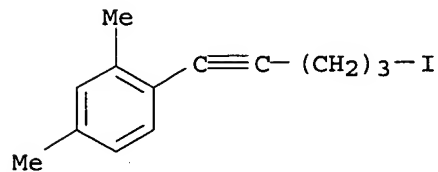
RN 500709-53-5 HCAPLUS

CN Benzene, 4-chloro-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



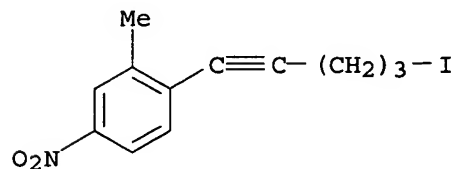
RN 500709-54-6 HCAPLUS

CN Benzene, 1-(5-iodo-1-pentynyl)-2,4-dimethyl- (9CI) (CA INDEX NAME)

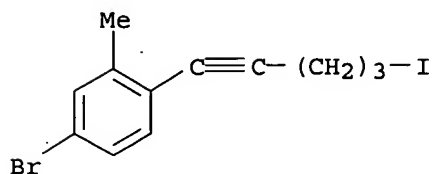


RN 500709-55-7 HCAPLUS

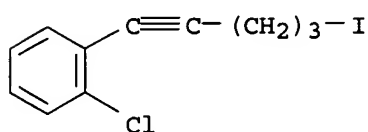
CN Benzene, 1-(5-iodo-1-pentynyl)-2-methyl-4-nitro- (9CI) (CA INDEX NAME)



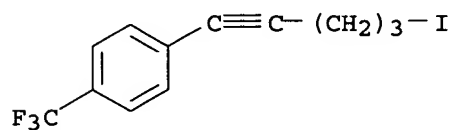
RN 500709-56-8 HCAPLUS  
CN Benzene, 4-bromo-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



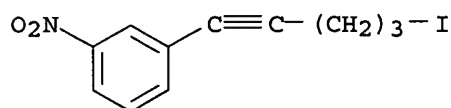
RN 500709-61-5 HCAPLUS  
CN Benzene, 1-chloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



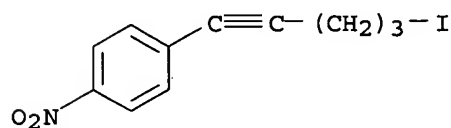
RN 500709-62-6 HCAPLUS  
CN Benzene, 1-(5-iodo-1-pentynyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



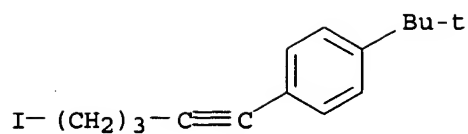
RN 500709-68-2 HCAPLUS  
CN Benzene, 1-(5-iodo-1-pentynyl)-3-nitro- (9CI) (CA INDEX NAME)



RN 500709-70-6 HCAPLUS  
CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro- (9CI) (CA INDEX NAME)

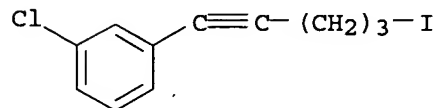


RN 500709-71-7 HCAPLUS  
CN Benzene, 1-(1,1-dimethylethyl)-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



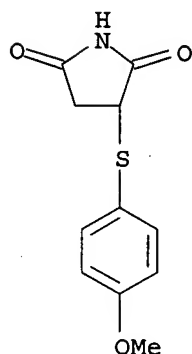
RN 500709-72-8 HCAPLUS

CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



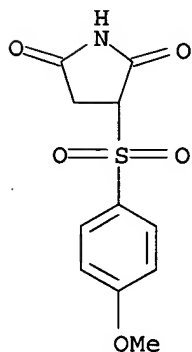
RN 500715-79-7 HCAPLUS

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 HCAPLUS

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



=&gt; fil uspatall

FILE 'USPATFULL' ENTERED AT 14:54:30 ON 28 APR 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 14:54:30 ON 28 APR 2005  
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> d 138 bib abs hitstr tot

L38 ANSWER 1 OF 5 USPATFULL on STN  
AN 2004:83515 USPATFULL  
TI 3-substituted-3-(substitutedsulfonyl or sulfanyl) pyrrolidine-2,5-diones  
useful for inhibition of farnesyl-protein transferase  
IN Epstein, Joseph William, Monroe, NY, UNITED STATES  
Ayrar-Kaloustian, Semiramis, Tarrytown, NY, UNITED STATES  
PA Wyeth Holdings Corporation, Madison, NJ (U.S. corporation)  
PI US 2004063971 A1 20040401  
AI US 2003-672849 A1 20030926 (10)  
RLI Division of Ser. No. US 2002-227215, filed on 23 Aug 2002, PENDING  
PRAI US 2001-314585P 20010824 (60)  
DT Utility  
FS APPLICATION  
LREP Daniel B. Moran, Five Giralda Farms, Madison, NJ, 07940  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 820

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to compounds of Formula (I), to processes for their preparation and pharmaceutical compositions thereof, that inhibit the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as an alternative to, or in conjunction with, traditional cancer therapy for the treatment of ras oncogene-dependent tumors, such as cancers of the pancreas, colon, bladder, and thyroid. ##STR1##

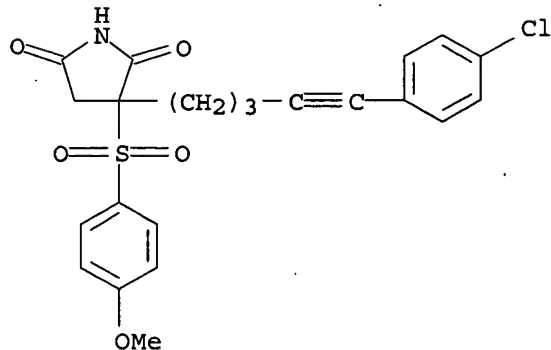
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of  
aralkynylarylsulfonylpyrrolidine-2,5-diones  
as inhibitors of farnesyl-protein transferase)

RN 500715-77-5 USPATFULL

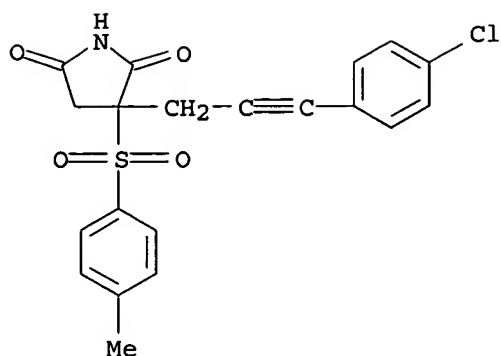
CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



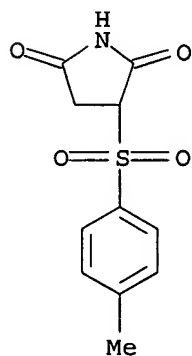


IT 126364-19-0 173019-82-4

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

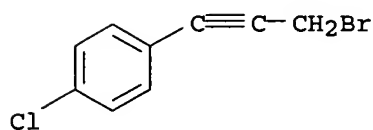
RN 126364-19-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 USPATFULL

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)



IT 500709-37-5P 500709-40-0P 500709-41-1P

500709-42-2P 500709-43-3P 500709-44-4P

500709-45-5P 500709-46-6P 500709-51-3P

500709-52-4P 500709-53-5P 500709-54-6P

500709-55-7P 500709-56-8P 500709-61-5P

500709-62-6P 500709-68-2P 500709-70-6P

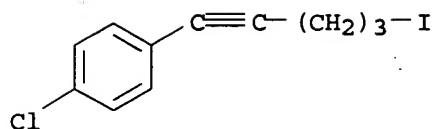
500709-71-7P 500709-72-8P 500715-79-7P

500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

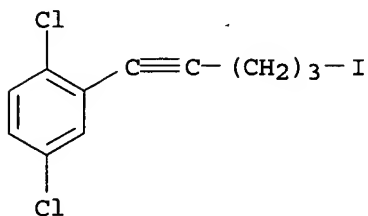
RN 500709-37-5 USPATFULL

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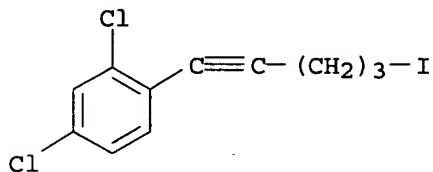
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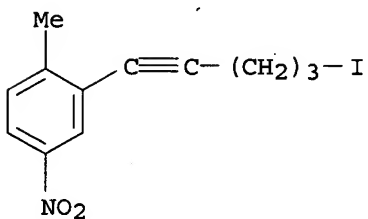
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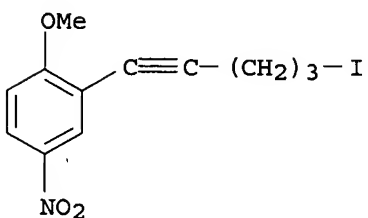
RN 500709-42-2 USPATFULL

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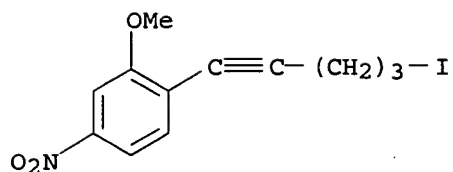
RN 500709-43-3 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methoxy-4-nitro- (9CI) (CA INDEX NAME)



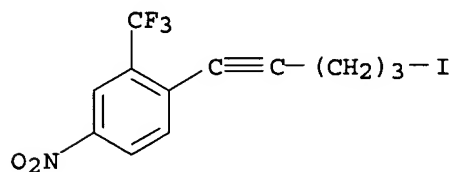
RN 500709-44-4 USPATFULL

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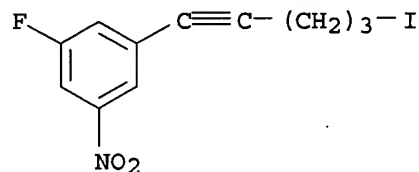
RN 500709-45-5 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



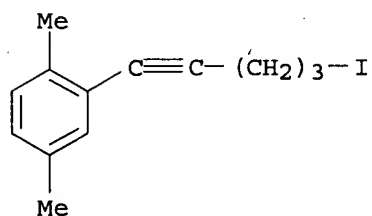
RN 500709-46-6 USPATFULL

CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



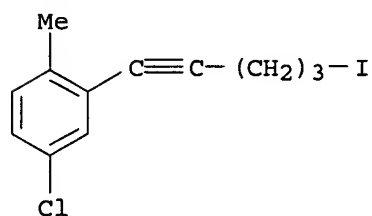
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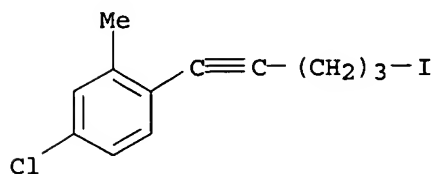


RN 500709-52-4 USPATFULL

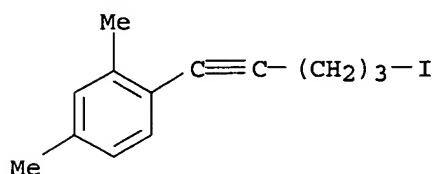
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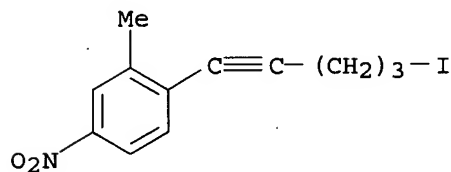
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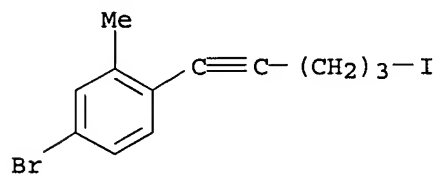
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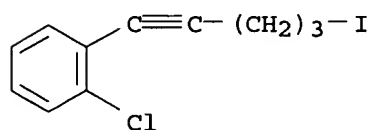
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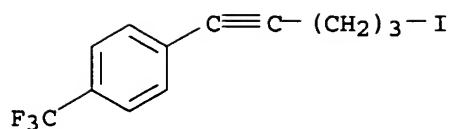
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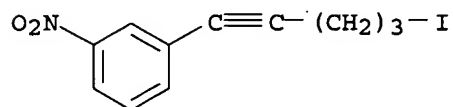
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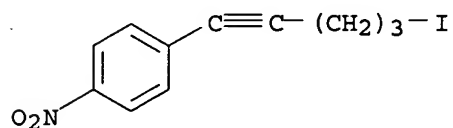
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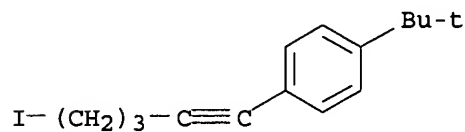
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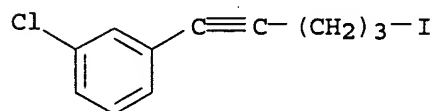
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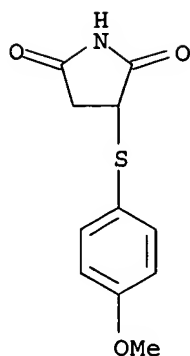
RN 500709-71-7 USPATFULL  
 CN Benzene, 1-(1,1-dimethylethyl)-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



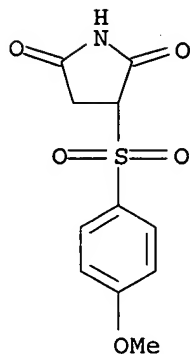
RN 500709-72-8 USPATFULL  
 CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



RN 500715-79-7 USPATFULL  
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 USPATFULL  
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



L38 ANSWER 2 OF 5 USPATFULL on STN  
 AN 2004:83321 USPATFULL  
 TI 3-Substituted-3-(substitutedsulfonyl or sulfanyl)pyrrolidine-2,5-diones  
 useful for inhibition of farnesyl-protein transferase  
 IN Epstein, Joseph William, Monroe, NY, UNITED STATES  
 Ayral-Kaloustian, Semiramis, Tarrytown, NY, UNITED STATES  
 PA Wyeth Holdings Corporation, Madison, NJ (U.S. corporation)  
 PI US 2004063777 A1 20040401  
 US 6861445 B2 20050301  
 AI US 2003-672710 A1 20030926 (10)  
 RLI Division of Ser. No. US 2002-227215, filed on 23 Aug 2002, PENDING  
 PRAI US 2001-314585P 20010824 (60)  
 DT Utility  
 FS APPLICATION  
 LREP Daniel B. Moran, Five Giralda Farms, Madison, NJ, 07940  
 CLMN Number of Claims: 25  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 825  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB The invention relates to compounds of Formula (I), to processes for  
 their preparation and pharmaceutical compositions thereof, that inhibit  
 the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as  
 an alternative to, or in conjunction with, traditional cancer therapy  
 for the treatment of ras oncogene-dependent tumors, such as cancers of  
 the pancreas, colon, bladder, and thyroid. ##STR1##

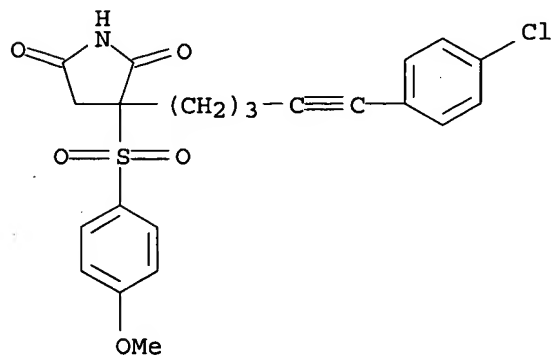
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of  
aralkynylarylsulfonylpyrrolidine-2,5-diones  
as inhibitors of farnesyl-protein transferase)

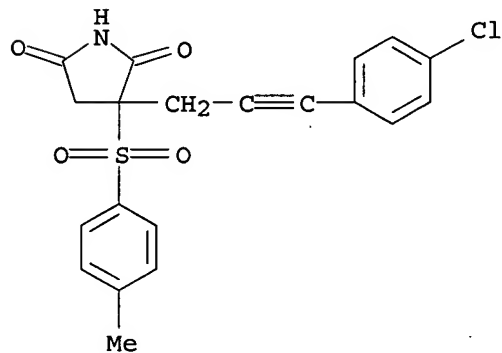
RN 500715-77-5 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

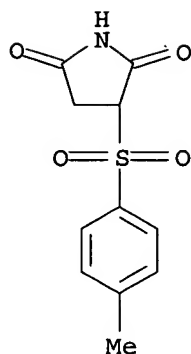


IT 126364-19-0 173019-82-4

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of  
farnesyl-protein transferase)

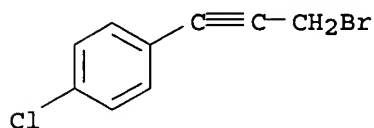
RN 126364-19-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 USPATFULL

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)

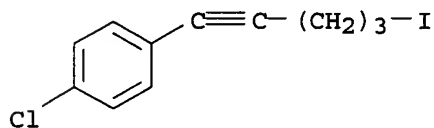


IT 500709-37-5P 500709-40-0P 500709-41-1P  
 500709-42-2P 500709-43-3P 500709-44-4P  
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 500709-52-4P 500709-53-5P 500709-54-6P  
 500709-55-7P 500709-56-8P 500709-61-5P  
 500709-62-6P 500709-68-2P 500709-70-6P  
 500709-71-7P 500709-72-8P 500715-79-7P  
 500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

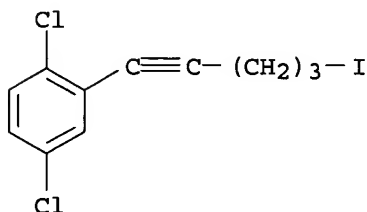
RN 500709-37-5 USPATFULL

CN Benzene, 1-chloro-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



RN 500709-40-0 USPATFULL

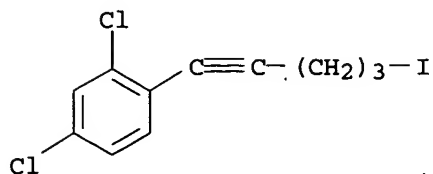
CN Benzene, 1,4-dichloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



RN 500709-41-1 USPATFULL

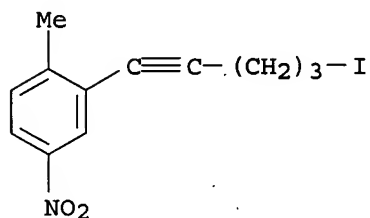


CN Benzene, 2,4-dichloro-1-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



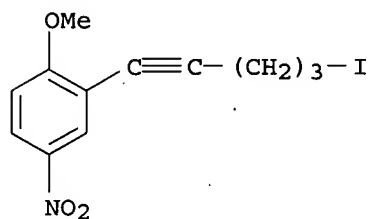
RN 500709-42-2 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methyl-4-nitro- (9CI) (CA INDEX NAME)



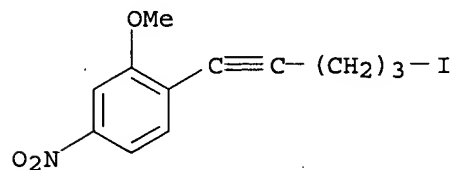
RN 500709-43-3 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methoxy-4-nitro- (9CI) (CA INDEX NAME)



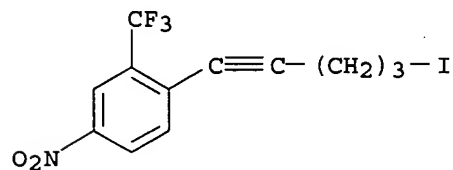
RN 500709-44-4 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methoxy-4-nitro- (9CI) (CA INDEX NAME)



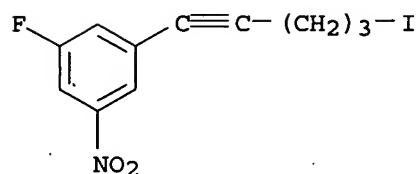
RN 500709-45-5 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



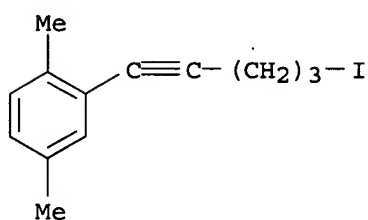
RN 500709-46-6 USPATFULL

CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



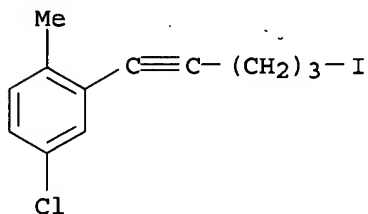
RN 500709-51-3 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1,4-dimethyl- (9CI) (CA INDEX NAME)



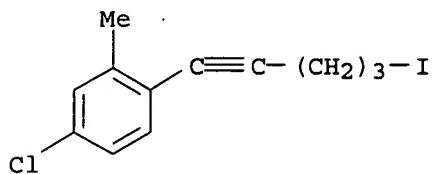
RN 500709-52-4 USPATFULL

CN Benzene, 4-chloro-2-(5-iodo-1-pentynyl)-1-methyl- (9CI) (CA INDEX NAME)



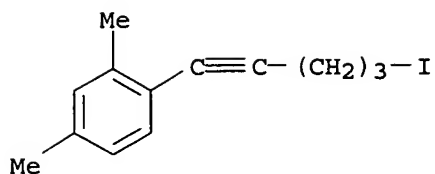
RN 500709-53-5 USPATFULL

CN Benzene, 4-chloro-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



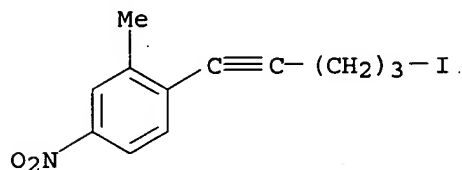
RN 500709-54-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2,4-dimethyl- (9CI) (CA INDEX NAME)



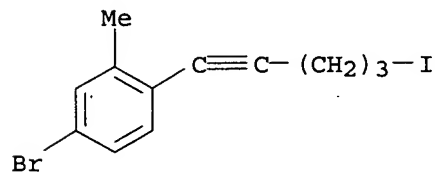
RN 500709-55-7 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methyl-4-nitro- (9CI) (CA INDEX NAME)



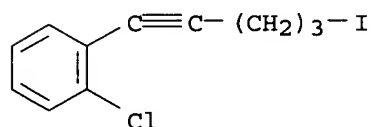
RN 500709-56-8 USPATFULL

CN Benzene, 4-bromo-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



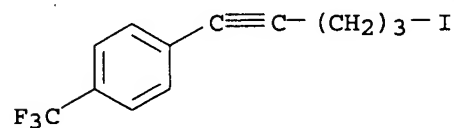
RN 500709-61-5 USPATFULL

CN Benzene, 1-chloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



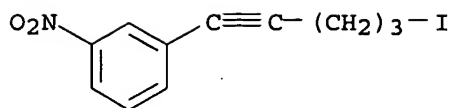
RN 500709-62-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



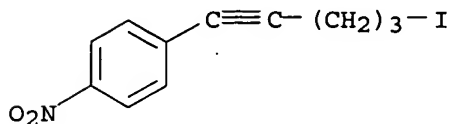
RN 500709-68-2 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-3-nitro- (9CI) (CA INDEX NAME)



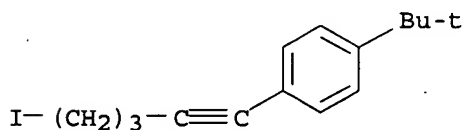
RN 500709-70-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro- (9CI) (CA INDEX NAME)



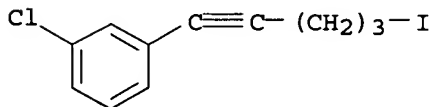
RN 500709-71-7 USPATFULL

CN Benzene, 1-(1,1-dimethylethyl)-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



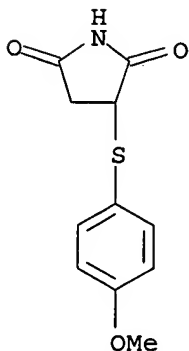
RN 500709-72-8 USPATFULL

CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



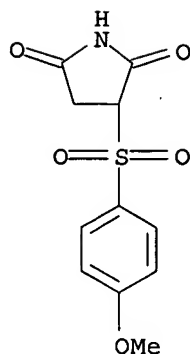
RN 500715-79-7 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



L38 ANSWER 3 OF 5 USPATFULL on STN

AN 2003:120880 USPATFULL

TI 3-Substituted-3-(substitutedsulfonyl or sulfanyl)pyrrolidine-2,5-diones  
useful for inhibition of farnesyl-protein transferase

IN Epstein, Joseph William, Monroe, NY, UNITED STATES

Ayral-Kaloustian, Semiramis, Tarrytown, NY, UNITED STATES

PA American Cyanamid Company, Madison, NJ (U.S. corporation)

PI US 2003083364 A1 20030501

US 6740675 B2 20040525

AI US 2002-227215 A1 20020823 (10)

PRAI US 2001-314585P 20010824 (60)

DT Utility

FS APPLICATION

LREP Daniel B. Moran, Five Giralda Farms, Madison, NJ, 07940

CLMN Number of Claims: 25

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 825

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to compounds of Formula (I), to processes for their preparation and pharmaceutical compositions thereof, that inhibit the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as an alternative to, or in conjunction with, traditional cancer therapy for the treatment of ras oncogene-dependent tumors, such as cancers of the pancreas, colon, bladder, and thyroid. ##STR1##

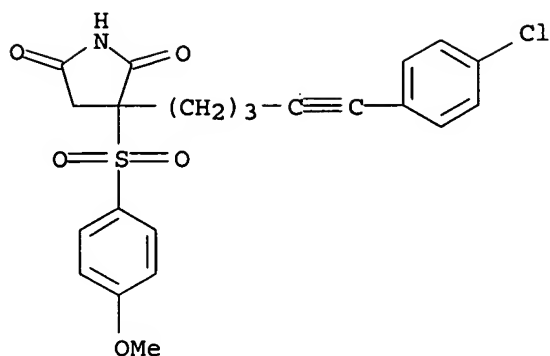
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of  
aralkynylarylsulfonylpyrrolidine-2,5-diones  
as inhibitors of farnesyl-protein transferase)

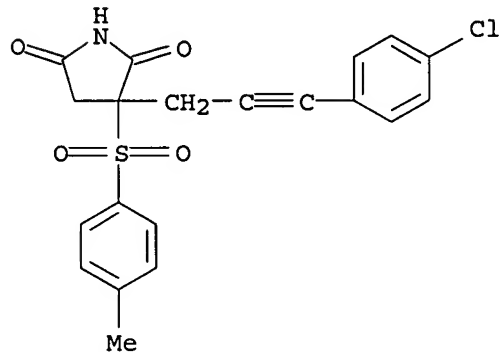
RN 500715-77-5 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

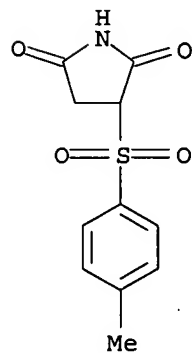


IT 126364-19-0 173019-82-4

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

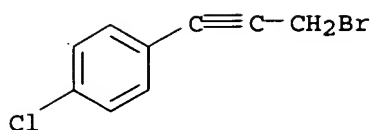
RN 126364-19-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 USPATFULL

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)

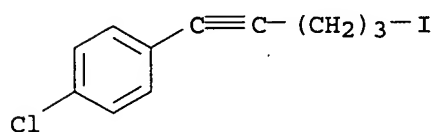


IT 500709-37-5P 500709-40-0P 500709-41-1P  
 500709-42-2P 500709-43-3P 500709-44-4P  
 500709-45-5P 500709-46-6P 500709-51-3P  
 500709-52-4P 500709-53-5P 500709-54-6P  
 500709-55-7P 500709-56-8P 500709-61-5P  
 500709-62-6P 500709-68-2P 500709-70-6P  
 500709-71-7P 500709-72-8P 500715-79-7P  
 500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of  
 farnesyl-protein transferase)

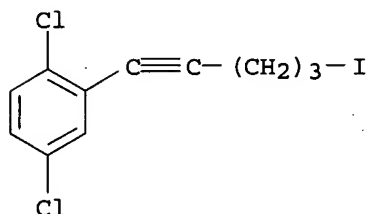
RN 500709-37-5 USPATFULL

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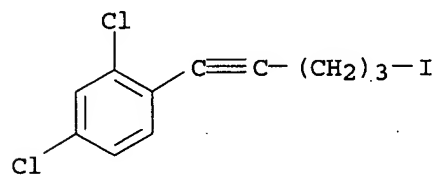
RN 500709-40-0 USPATFULL

CN Benzene, 1,4-dichloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



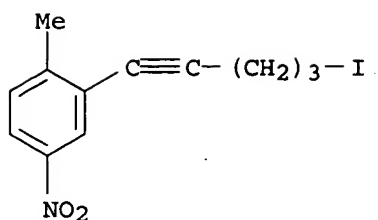
RN 500709-41-1 USPATFULL

CN Benzene, 2,4-dichloro-1-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



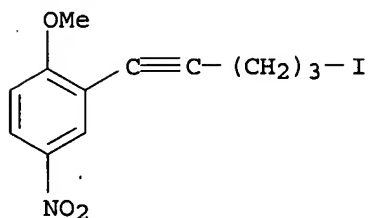
RN 500709-42-2 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methyl-4-nitro- (9CI) (CA INDEX NAME)



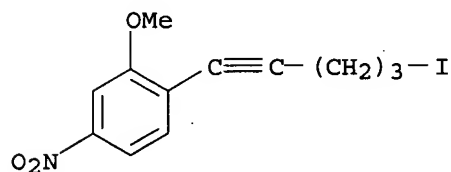
RN 500709-43-3 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methoxy-4-nitro- (9CI) (CA INDEX NAME)



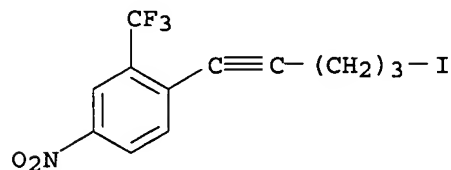
RN 500709-44-4 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methoxy-4-nitro- (9CI) (CA INDEX NAME)



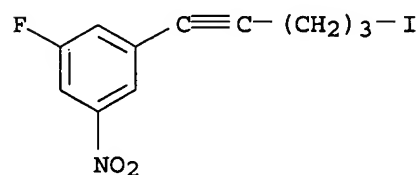
RN 500709-45-5 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500709-46-6 USPATFULL

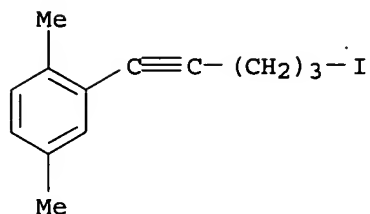
CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



RN 500709-51-3 USPATFULL

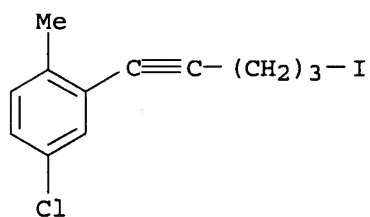


CN Benzene, 2-(5-iodo-1-pentynyl)-1,4-dimethyl- (9CI) (CA INDEX NAME)



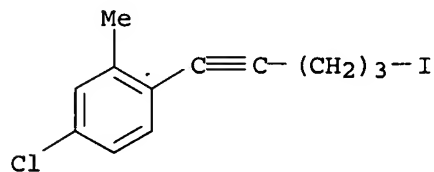
RN 500709-52-4 USPATFULL

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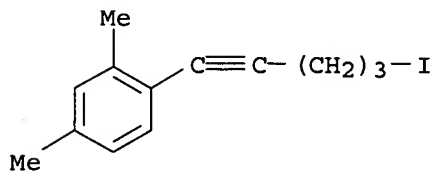
RN 500709-53-5 USPATFULL

CN Benzene, 4-chloro-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



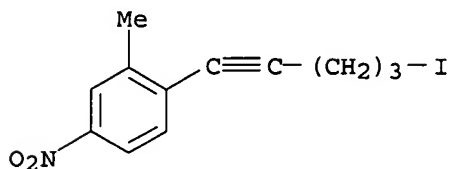
RN 500709-54-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2,4-dimethyl- (9CI) (CA INDEX NAME)



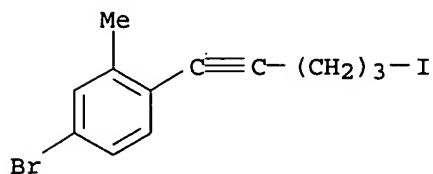
RN 500709-55-7 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methyl-4-nitro- (9CI) (CA INDEX NAME)



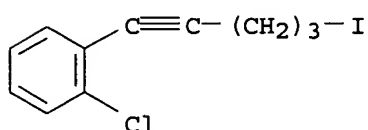
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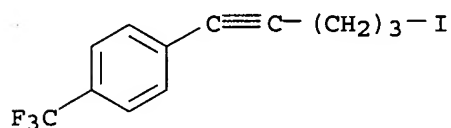
RN 500709-61-5 USPATFULL

CN Benzene, 1-chloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



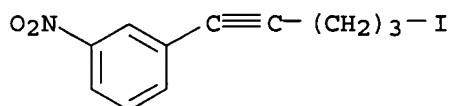
RN 500709-62-6 USPATFULL

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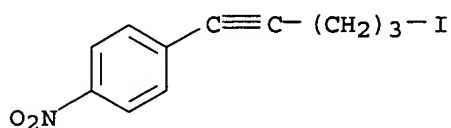
RN 500709-68-2 USPATFULL

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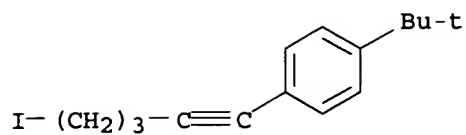
RN 500709-70-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro- (9CI) (CA INDEX NAME)



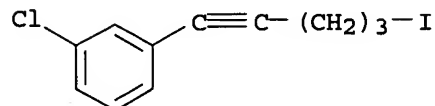
RN 500709-71-7 USPATFULL

CN Benzene, 1-(1,1-dimethylethyl)-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



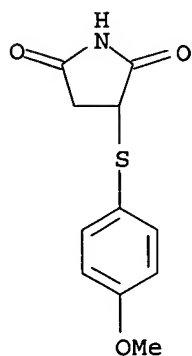
RN 500709-72-8 USPATFULL

CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



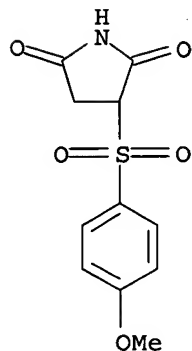
RN 500715-79-7 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



L38 ANSWER 4 OF 5 USPAT2 on STN

AN 2004:83321 USPAT2

TI 3-Substituted-3-(substitutedsulfonyl or sulfanyl)pyrrolidine-2,5-diones  
useful for inhibition of farnesyl-protein transferase

IN Epstein, Joseph William, Monroe, NY, United States

PA Ayral-Kaloustian, Semiramis, Tarrytown, NY, United States  
 Wyeth Holdings Corporation, Madison, NJ, United States (U.S. corporation)  
 PI US 6861445 B2 20050301  
 AI US 2003-672710 20030926 (10)  
 RLI Division of Ser. No. US 2002-227215, filed on 23 Aug 2002, now patented, Pat. No. US 6740675  
 PRAI US 2001-314585P 20010824 (60)  
 DT Utility  
 FS GRANTED  
 EXNAM Primary Examiner: Desai, Rita; Assistant Examiner: Shiao, Robert  
 LREP Moran, Daniel B.  
 CLMN Number of Claims: 8  
 ECL Exemplary Claim: 1  
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
 LN.CNT 762

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to compounds of Formula (I), to processes for their preparation and pharmaceutical compositions thereof, that inhibit the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as an alternative to, or in conjunction with, traditional cancer therapy for the treatment of ras oncogene-dependent tumors, such as cancers of the pancreas, colon, bladder, and thyroid ##STR1##

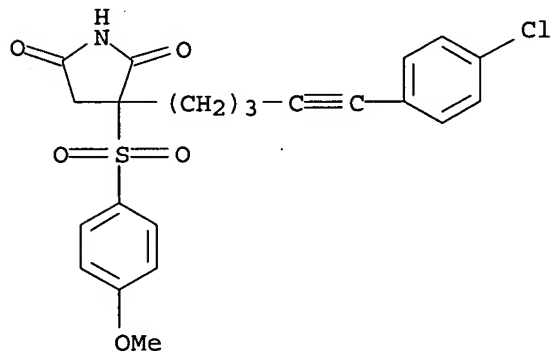
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of  
 aralkynylarylsulfonylpyrrolidine-2,5-diones  
 as inhibitors of farnesyl-protein transferase)

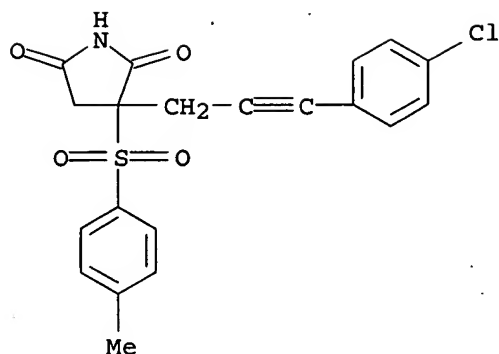
RN 500715-77-5 USPAT2

CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPAT2

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

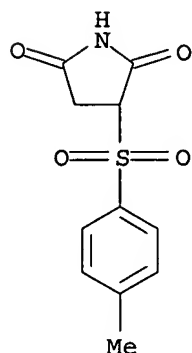


IT 126364-19-0 173019-82-4

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

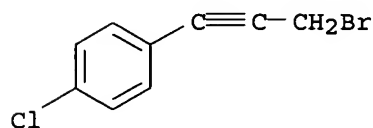
RN 126364-19-0 USPAT2

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 USPAT2

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)



IT 500709-37-5P 500709-40-0P 500709-41-1P

500709-42-2P 500709-43-3P 500709-44-4P

500709-45-5P 500709-46-6P 500709-51-3P

500709-52-4P 500709-53-5P 500709-54-6P

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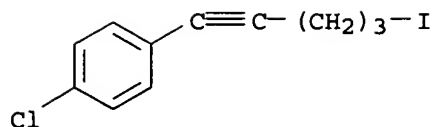
500709-71-7P 500709-72-8P 500715-79-7P

500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

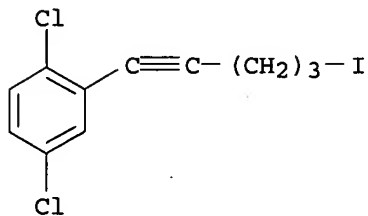
RN 500709-37-5 USPAT2

CN Benzene, 1-chloro-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



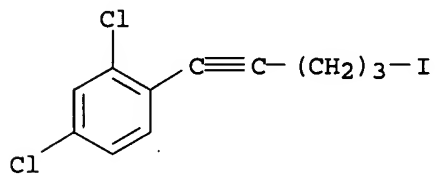
RN 500709-40-0 USPAT2

CN Benzene, 1,4-dichloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



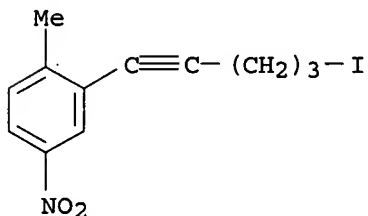
RN 500709-41-1 USPAT2

CN Benzene, 2,4-dichloro-1-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



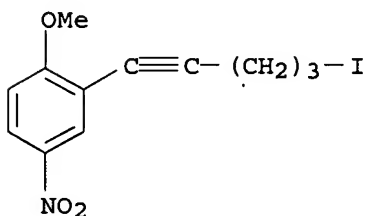
RN 500709-42-2 USPAT2

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methyl-4-nitro- (9CI) (CA INDEX NAME)



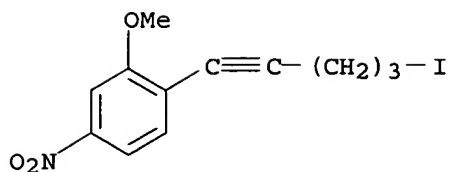
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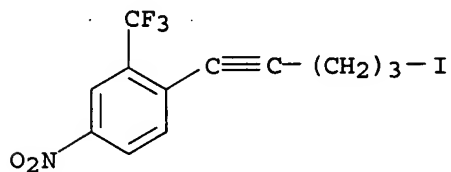
RN 500709-44-4 USPAT2

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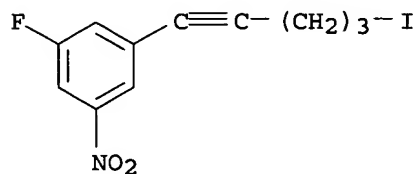
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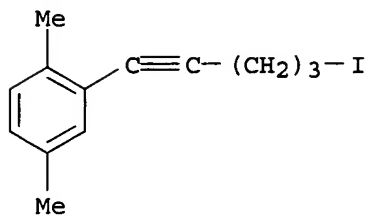
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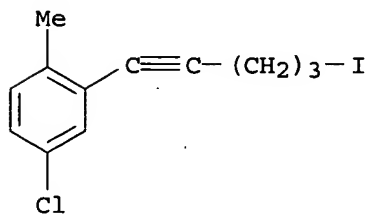
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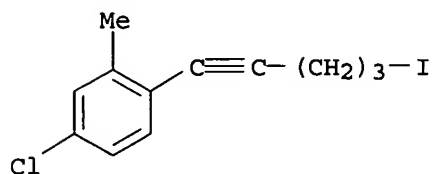
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CN Benzene, 4-chloro-2-(5-iodo-1-pentynyl)-1-methyl- (9CI) (CA INDEX NAME)



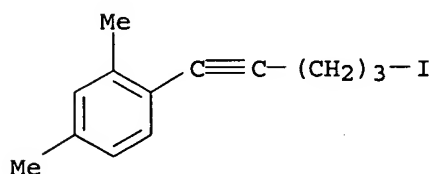
RN 500709-53-5 USPAT2

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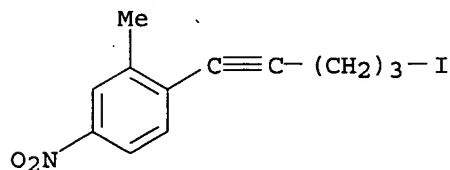
RN 500709-54-6 USPAT2

CN Benzene, 1-(5-iodo-1-pentynyl)-2,4-dimethyl- (9CI) (CA INDEX NAME)



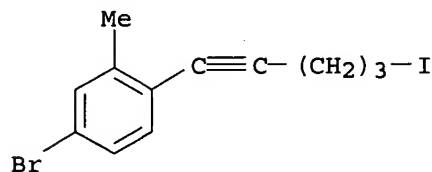
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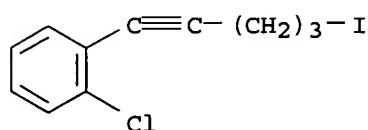
RN 500709-56-8 USPAT2

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RN 500709-61-5 USPAT2

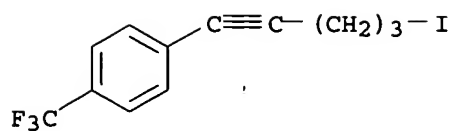
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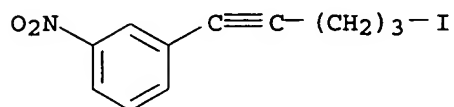
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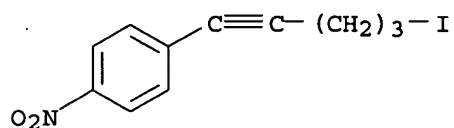




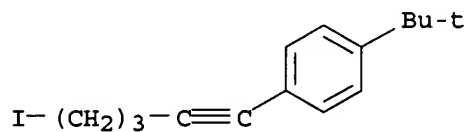
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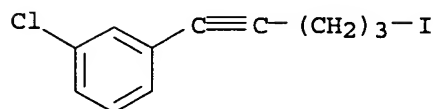
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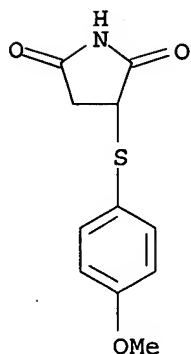
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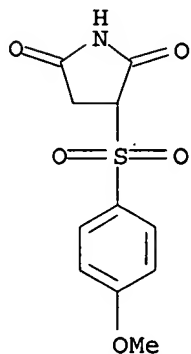
RN 500709-72-8 USPAT2  
 CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



RN 500715-79-7 USPAT2  
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 USPAT2  
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



L38 ANSWER 5 OF 5 USPAT2 on STN  
 AN 2003:120880 USPAT2  
 TI 3-substituted-3-(substitutedsulfonyl or sulfanyl)pyrrolidine-2,5-diones  
 useful for inhibition of farnesyl-protein transferase  
 IN Epstein, Joseph William, Monroe, NY, United States  
 Ayral-Kaloustian, Semiramis, Tarrytown, NY, United States  
 PA Wyeth Holdings Corporation, Madison, NJ, United States (U.S.  
 corporation)  
 PI US 6740675 B2 20040525  
 AI US 2002-227215 20020823 (10)  
 PRAI US 2001-314585P 20010824 (60)  
 DT Utility  
 FS GRANTED  
 EXNAM Primary Examiner: McKane, Joseph K.; Assistant Examiner: Shiao, Robert  
 LREP Moran, Daniel B.  
 CLMN Number of Claims: 10  
 ECL Exemplary Claim: 1  
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
 LN.CNT 751  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB The invention relates to compounds of Formula (I), to processes for  
 their preparation and pharmaceutical compositions thereof, that inhibit  
 the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as  
 an alternative to, or in conjunction with, traditional cancer therapy  
 for the treatment of ras oncogene-dependent tumors, such as cancers of  
 the pancreas, colon, bladder, and thyroid. ##STR1##

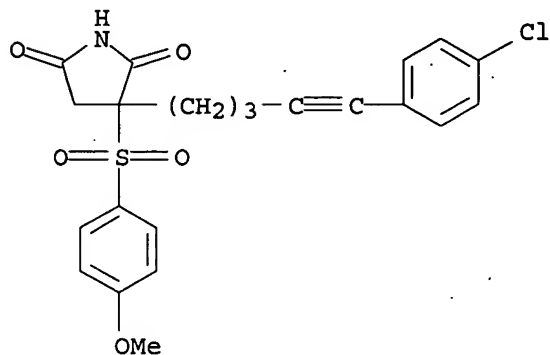
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of  
aralkynylarylsulfonylpyrrolidine-2,5-diones  
as inhibitors of farnesyl-protein transferase)

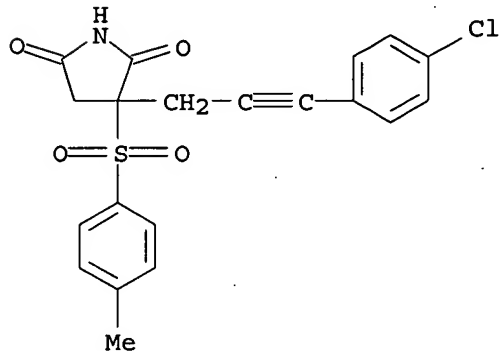
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CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPAT2

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

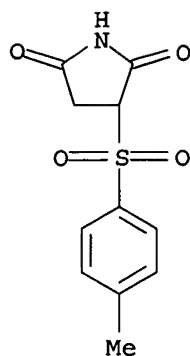


IT 126364-19-0 173019-82-4

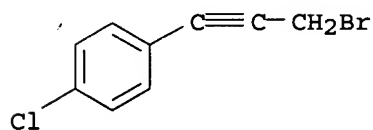
(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of  
farnesyl-protein transferase)

RN 126364-19-0 USPAT2

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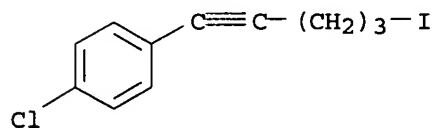
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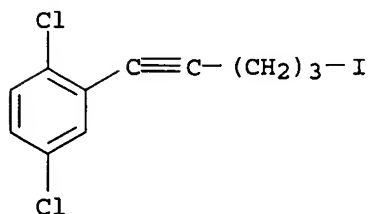
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 500709-62-6P 500709-68-2P 500709-70-6P  
 500709-71-7P 500709-72-8P 500715-79-7P  
 500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

RN 500709-37-5 USPAT2  
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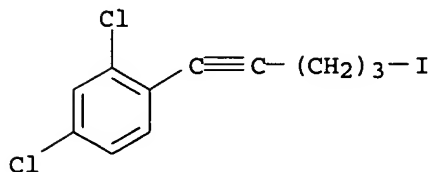


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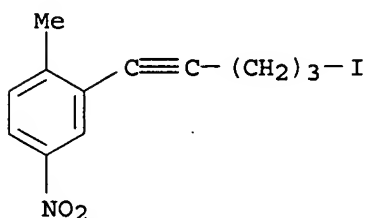
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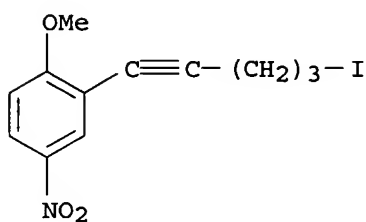
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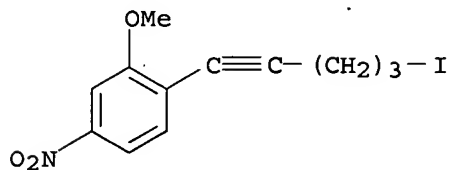
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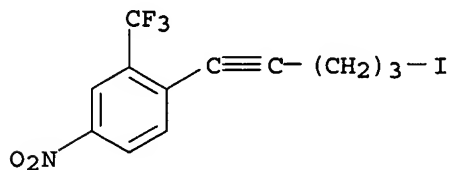
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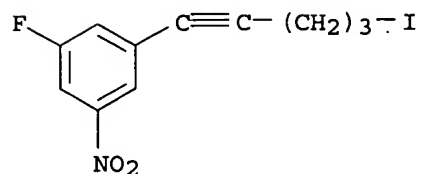
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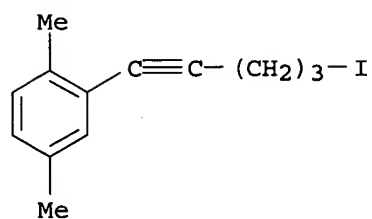
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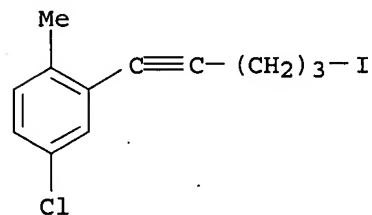
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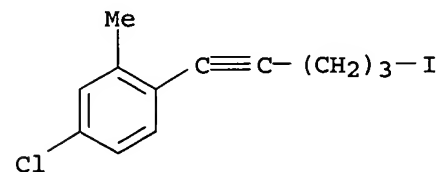
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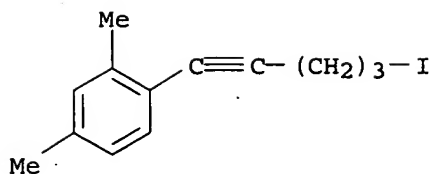
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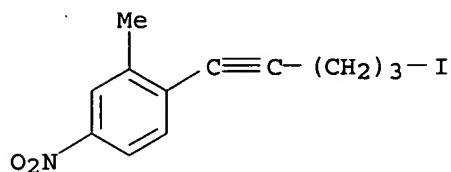


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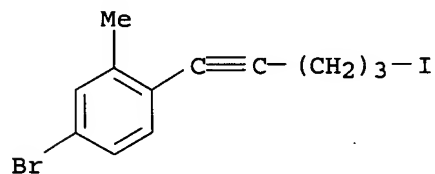
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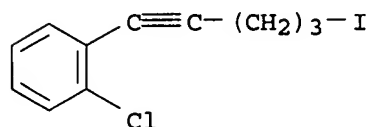
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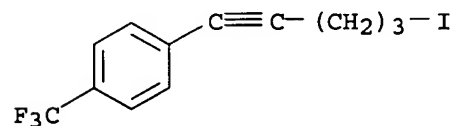
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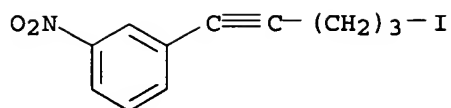
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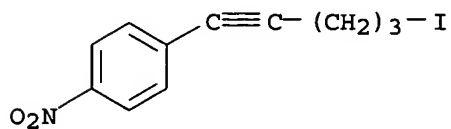
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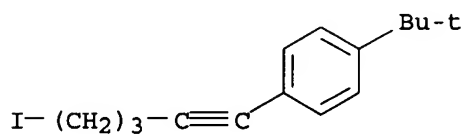
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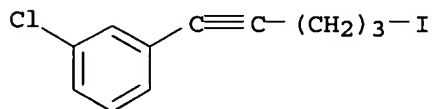
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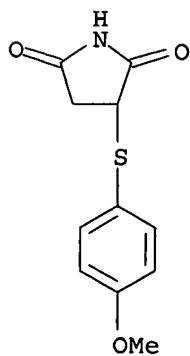
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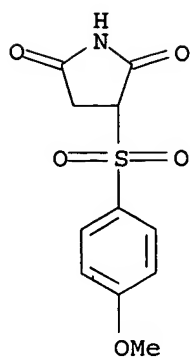


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RN 500715-80-0 USPAT2  
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)





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